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TO:	USPTO
FROM:	George Wheeler USER ID: 8115
DATE:	February 9, 2007
FAX NO.:	571-273-8300
CLIENT:	1270
MATTER:	11770US03

Number of Pages This Transmission (Including Cover Page): 5

Message: Re: Reissue No. 09/143,503

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#7533 P.002/005

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PTO/SB/21 (07-08)

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MODIFIED
TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Patent Number 5,534,121
Reissue Number 09/143,503
Reexamination Number 90/004,948Issue Date 09/10/1996
Filing Date 08/28/1998
Filing Date 03/23/1998First Named Inventor Robert D. Alnsworth
Art Unit 3782
Examiner Name Sharon E. Kennedy
Attorney Docket Number 11770US03
Attorney Docket Number 11770US02

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney To Prosecute Applications Before The USPTO, and change of address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Statement Under 37 CFR 3.73(b)	<input type="checkbox"/> Return-Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm *McAndrews Held & Malloy, Ltd.*Signature *George Wheeler*

Printed Name George Wheeler

Date February 9, 2007

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 9, 2007.

Name (Print/type)	George Wheeler	Registration No. (Attorney/Agent)	28,766
Signature	<i>George Wheeler</i>	Date	February 9, 2007

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PTO/SB/80 (01-09)

Applicable through 12/31/2008. OMB 0651-0035
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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

 Practitioners associated with Customer Number:

23,446

OR

 Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

 The address associated with Customer Number

23,446

OR

Firm or Individual Name

Address

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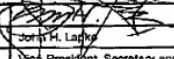
Assignee Name and Address:

Advanced Cardiovascular Systems, Inc.
3200 Lakevalle Drive
Santa Clara, California 95052-8167

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/88 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

(The individual whose signature and title is supplied below is authorized to act on behalf of the assignee)

Signature	Date
	02/07/2007
Name	Telephone
John H. Lanier	408-645-3000
Title	Vice President, Secretary and General Counsel

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.13 and 1.14. This collection is estimated to take 3 minutes to complete and will be used for processing patent applications. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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#7533 P.004/005

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PTO/SB/99 (08-09)

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Advanced Cardiovascular Systems, Inc.

Application No./Patent No./Control No.:

Patent No.: 5,654,121

Issued: 08/10/1996

Reexam No.: 90004,946

Filed: 03/23/1998

Reissue No.: 09143,503

Filed: 08/28/1998

Entitled: Intraluminal Catheter With High Strength Proximal Shaft

Advanced Cardiovascular Systems, Inc.

, a corporation

(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

States that it is:

The assignee of the entire right, title, and interest; or
 An assignee of less than the entire right, title, and interest
 (The extent (by percentage) of its ownership interest is _____ %)

In the patent application/patent identified above by virtue of either:

An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 007285, Frame 0618, or for which a copy thereof is attached.

OR

A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

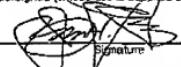
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 The document was recorded in the United States Patent and Trademark Office at Reel _____ Frame _____ or for which a copy thereof is attached.
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Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(ii), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

(NOTE: a separate copy (i.e., a true copy of the original assignment documents)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.09]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

 John H. Lepke
 Printed or Typed Name

 Vice President, Secretary and General Counsel
 Title

Feb. 7, 2007

Date

408-845-3000

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to be had by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEB 09 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Docket Nos. 11770US02
11770US03

MERGED PROCEEDINGS

In Reexamination**Control No.:** 90/004,946**Filed:** March 23, 1998In Reissue Application:**Serial No.** 09/143,503**Filed:** August 28, 1998**Inventors:** AINSWORTH et al.**Patent No.** 5,554,121**Issued:** September 10, 1996**For:** INTRALUMINAL CATHETER WITH
HIGH STRENGTH PROXIMAL
SHAFT**Examiner:** Sharon Kennedy**Art Unit:** 3762CERTIFICATE OF FACSIMILEI hereby certify that this correspondence is being
deposited with the United States Postal Service via
facsimile to:Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450
on February 9, 2007.

By:


 George Wheeler
 Reg. No. 28,766
CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the attached:

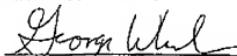
POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

and

STATEMENT UNDER 37 CFR 3.73(b)

was served by United States Mail, first-class postage affixed thereto on February 9, 2007, on:

 David Crompton
 Crompton Seager and Tufte LLC
 1221 Nicollet Ave Ste 800
 Minneapolis MN US 55403-2420


 George Wheeler
 Reg. No. 28,766